

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/23499

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : H01L 27/00; H01J 3/14, 40/14, 5/16

US CL : 250/208.1, 216, 226

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 250/208.1, 216, 226

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X — A	US 5,973,316 A (EBBESEN et al) 26 October 1999 (26.10.1999), column 4, lines 1-67; column 6, lines 15-34.	1-80, 86-90, 94, 100- 115, 117-113 81-85, 91-93, 95-99, 116
A	US 6,285,020 B1 (KIM et al) 4 September 2001 (04.09.2001).	
A	US 6,236,033 B1 (EBBESEN et al) 22 May 2001 (22.05.2001).	

<input type="checkbox"/> Further documents are listed in the continuation of Box C.		<input type="checkbox"/> See patent family annex.	
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Date of the actual completion of the international search 01 June 2005 (01.06.2005)		Date of mailing of the international search report 03 NOV 2005	
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